

FIGURE 1

1 gcgtgagcca ctgcgcctcg accacatata atttttatta attataatgt tgaaggtccc  
 61 tttattccac acotctctcc tcaatcactc ctggttaggtc atttttaagt atttgatgta  
 121 tatactgatt ttggatgtct ctgtctacag ggcaaaagcg caataaagat ttgtctggag  
 181 ccttttcaca gatgcaagtc aatocaggca gtgtctatag ctgctgaacc caaaatcaga  
 241 aagcgagggc tatcaaaagct cttctgtcct gatttgcac tttagttagt caagaaaaaa  
 301 aactcttagaa taaaaaatgg gtaccgttca gagaccttta gagattgcaa ggcacacag  
 361 atgataaaaa gctccatctc tagacgtgtt caggagtggt ttgggggctt gacctgtact  
 421 agctgcataa acttggacaa gtcacttcgc ttccctgtgc ctgagtttcc taatccataa  
 481 aatgggggata agtatagtag ctacctcata agtctgtcct acctagcaca tgggtgagcaa  
 541 ttaactaaatt gtaggcctag tccctataat cccagcactt ttggagaaca agtttagggga  
 601 atcgcttgaa gccaggagtt ccagaccagc ctggccaaca tagtgagact gtgtttctat  
 661 aaaaaaaaaa aaaaaaatcc ccaagcttgg tgggtgcaagg ctgtagtccc ggcactctgg  
 721 gagtctgagt caggaggatt gcttgagccc aggagttcaa ggtttagta agctatgatt  
 781 gcaccactgc actccagcct ggcgacagag catgacctgt tctctaaaaa tataaaatta  
 841 ggccaggcac agtgttctat gctgttaatt ccaactttt gggagggcaa ggcaggtgga  
 901 tcaactgtgag ctcagcagtt ccagaccagc ctggccaaca aggcaaaatc ctgtctctac  
 961 taaaaattaca aaaaattagcc aggagaggtg gtacacgect gtaatccag ttactgggga  
 1021 agctgaagca ggagaattgc ttgaaccggg gagggcgaagg ttgcagttgag ccaagatcgt  
 1081 gccattcaat tgcagcctag gagacagagc gagactctgat ctcaataaat taataaatta  
 1141 attaatgacg taaaaaataa gttgggcctg gtggacctgt cctgttagtcc aagctactca  
 1201 ggaggtctaga ggtgggagga tcaactgagc caggagttct aggctgcagt gagctattat  
 1261 cagcgcaaca taactccagc ttgctgtatgt acctcagcct gggcaacaga gtgacacct  
 1321 gtctcaagat aagctaaaaa aaaaattaaa acaaaattta cttaattgta cttaacagta  
 1381 ttgtctatcag tcttctctaa taggaggaca ggcacaaatta agggacttaa catgtgccct  
 1441 caggtatagt agtttggggc aggcagcat ctgactctgt ctgttaggtg atgttaggtg  
 1501 cgtgttctct ggggtcaact tatgtcccag tgaggccgta ctctaccaga tctcagggg  
 1561 acaagggttg ggagaggcaa agtgcctggt ctgaagcagg agtctggggt ttgatccctag  
 1621 ctctaccacc aattctgtat gacctgccc cctccatttc ctccatgacc acatagagac  
 1681 atggggcagt tggatgaat caatgattcc cagtcttggt tctatctagg aaccatttgc  
 1741 taacttcttt ttctctctta tggatcccat atttttaaag atttttacta attagaattt  
 1801 gacttatact ttccaagct ggagtggtgt ggcattgatt cagctcactg caacctccgc  
 1861 ctcccggggt caagtgattc tctgtctca gctctctgag tagctgggat tataggtgct  
 1921 caccaggccc ggctaatttt ttgtatttt tagtagagac agaatttccac catgttgccc  
 1981 aggcctgatt caaactcctg acctcaagtg atctgtcac cttagcctcc caaagtgctg  
 2041 ggattacagg cgtgagtcac tatgccagc ogettactca cattttctag tcaaaataga  
 2101 aaactgctta agctcactgt tgcagaagag caaaaaaaa aaaagaaata aaaaattgaa  
 2161 aactgcttag catattgaga aaacataag attttcacc acctaaagaa aaaaatttcc  
 2221 agtgcgaagg gaaaaaaatt catttttgc ttaataaggc aaattcacaa tttttgaggt  
 2281 ttaacaaaaa tatatgcaga aagacaaggc caccctgata acctgtcaca cagccctagg  
 2341 cttggaaatg gctggattta ataatatctg gtctttcttt gagccctgaa attctctaac  
 2401 actatgtctt ggaacataat tttaactggt tcagtggtta tagagatttg atttacaatt  
 2461 tagcatctgt tttaacctat gattttggtt gagcccaact tgttggcagg aatgcacccc  
 2521 ctgccccccc ctttgtttat gccctgtctc tataggqcaa gaatattctg ttttaaggcc  
 2581 ggtgtgtgtc ctcaggcctg taatcccagc cccaagccgg ggaatgcca ccagatcacc  
 2641 tgaggtcagg agtttgagac cagcctggcc agtatggtag aatcctgtct ctaactaaaa  
 2701 taacaaaaat tagctgggtg tgggtggcaca cactgttaat ccagctatt ttggaggccg  
 2761 aaacaagaga accacttgaa ccaggaggc ggaggttggt gtgagccgag attatgccac  
 2821 tgcactccag cctgggaaac agagcaagat tctgtctcac acacaaaaaa tatatatatg  
 2881 tctgtctttaa gtctgcaggc cgtgttttgt ctgaacggca ggaatgcca acctgtgtgc  
 2941 atgtgtacca ctagggaact cagagttcca aggagacaa acagttggtt cctggaggct  
 3001 gggggcttgt atcagacctt gaagaactaa catgtgtctg gtctattgtt ctctgaccc  
 3061 catggttagt cactaaacac cttaacctata ttaagtgtt ttgttttgtc caaaaaatgt  
 3121 cttttttttt tgggagtcac gactgtctgt ctgttgccca ggcgtggagt cagtgcacg  
 3181 atctcagctc actcagcct ccgctcccg ggttcaagct attctcgtg ctcagcctcc  
 3241 caaatagctg agactatagg cagcgcacac catgccagc taattttttt atttttagta

FIGURE 1 (continued)

3301	gagacgaggt	gtctccatgg	tggccaggtt	ggctctgaac	tctgtctcct	aagtgtatcca
3361	ctcgccctgg	cctcccaaa	tgggtgggatt	gcaggcatga	gacaccgcgc	ccggccctgcc
3421	ttgtcccttc	ttaaaatgag	ttgtccattt	gtaacgtgct	gattctcttg	ggacattgtc
3481	tccgtataact	tttcataaa	catcagtgat	ttcaccattc	ttccacccaa	gcttcaccgt
3541	aaattttgtg	tttgttcttg	cttcaatttc	agcagaattc	atttagctct	gataagggct
3601	cgcttcaaac	tgaagtctta	tccttctttg	tgctctcaaac	tacatcctgt	tcactcatgt
3661	tatagcaagt	tagtgtgagt	ttattttggg	gcacaaaaat	tttttttaaa	ccatgcagtc
3721	ttttttcata	atacgcattt	tccatgaact	tttcgaagac	ccctgtctga	tgctctgtct
3781	ttaaaccacc	cagttttacag	taattttttt	ttttttttga	gatgaagctt	tgctctgtct
3841	cccaggctgg	agtgcattgg	cacactctgc	gctcactgca	acctctgtct	ctgggtttca
3901	agcaattttt	ctgtctcagt	ctcccgagta	gctgggatta	cagggtgtgtg	ccaccatgcc
3961	tagctaaatt	atgtgttttt	agttagagacg	gggttttcaat	atgttgtgcta	ggctgggtctc
4021	gaactctcca	ctctgtgata	ggcccgccctc	ggcctcccaa	agtatctggga	ttacaggcgt
4081	gagacttgct	cacttgccct	acagtaattt	tatagcagcc	taggctaaga	tagcattttc
4141	tgggtataag	aatgtctat	actgaacagg	ctcgaaactg	tgaataaaag	tctgcaaaa
4201	ggccgggacg	tggctcatac	ctgtaatccc	agcactttgg	ggggccgagg	caggtggatc
4261	acctgaggct	agcagtttga	gaccagcctg	accaacatgg	tgaaccacca	ctctacttaa
4321	aaatacaaaa	ttagctgggg	gtggtagtgc	atgctgtgaa	tcctctagcat	gcacttggga
4381	gctactctgg	aggctgaggc	aggagaatca	cttgactaca	ggaggccgag	gtgtcagtgta
4441	gctgagatga	ggccactgca	ctcctttctg	gtgtgacagag	tgcagctcca	tctcaaaaaa
4501	acaaaaacaa	acaaaaacaa	acaaaaacaa	aaaaccacca	aggtaggtag	cagtggttca
4561	cgctctgtaa	ccccactttg	gaggctaaag	tgggcagatc	acctgaggtc	aggagtctac
4621	gtccagcctg	ggcaacatgg	tgtccactctg	tctctacaaa	aatacaaaaa	ttagccaggc
4681	atgatgtcgg	gtgtcttagt	tccagctatt	cgaggaggctg	aggcaggaga	atcgcttgaa
4741	ctcaggaggt	agagggttga	gtgagccgag	ttaacgctat	tgcactccag	ctccactcat
4801	aaaaacaaaa	acaaaaacca	aaatatatat	tataatttta	ttttatttat	tcaattttat
4861	tttttttttt	tttttttttt	taggaacagg	tctcattcag	ggctaggctag	gtgctcacgc
4921	ctgtaaatcc	agcacttggg	aggccgaggt	ggagggtggc	ggatcacctg	aggtaaggag
4981	ttcagagcat	ctcggtcaat	gtggcgaaac	cccatctcta	ctaaaaatc	aaaaatttag
5041	caggtgtggt	ggcacaagcc	tgtaatccca	gctacttggg	atactgagtc	aggagaatca
5101	cttgaaacag	gagatggaaa	ttgcagtgag	ccgagattgt	tccactgcac	tcagcctgg
5161	gtgacagggc	gagactcgt	ctcaaaaaaa	aaaaaaaaaa	agaaagaaag	aaagaaagaa
5221	agaaacagga	tcttactctg	ttaccaggcc	tggagtacag	tgggtcaatc	atagctcact
5281	gcaggcatgc	accaccattc	ccagctaaat	tttaattttt	ttgtgtagag	atgagggtct
5341	tgctatgttg	cccaggctgg	tctcaaaact	ctggcctcaa	gcgactctgc	catgtcggcc
5401	ttccaaagt	tgtggattac	aagtgtgagc	taactctgct	ggcctcaaaa	tatatatatg
5461	aaaatatata	agaaatgggc	ctccaggaaa	ttaagggtgt	tgcgggagtc	ctgtgtccca
5521	gtttttctgc	caactctccc	tgttccacaa	catgacctgt	tccagaccct	aaacagccag
5581	gcccagaagg	caggttgagg	gaggcgagaa	cttgtctctc	cccggttccc	ctgtctttgt
5641	ccctctgtcc	tacttagact	aatattttgc	ttgggtactg	caaacaggaa	atgggggagg
5701	gacaggagta	gggcgagggg	tagggtagga	ccagaagcct	ctctaggcct	gccatggggc
5761	aggcagcaga	ggagaaggag	ggccctccag	ctgagaccca	gggaattcag	tgacccttgt
5821	tcggggacag	gcgcagtgcc	tgggaggtga	cagaagatag	actaaaggcc	caagagtccc
5881	tggacctgac	tctctccagc	agctgccaca	cacaaacaca	ccctcgagca	ccctcgagac
5941	gagaggaggag	aaatggcccc	ctctccaggt	ggctgagaag	ctggggccaa	tggtgtgtgt
6001	tccatctccc	gggtgctccc	atggcgaggg	gcaacttcca	tcaggccaca	cttttatctc
6061	ttgtctctat	ttttgatata	tgtgtattat	gattatacaa	accctccaat	tggcctatat
6121	gtgcagatct	gattaagaac	ttacgatatt	ccatggacat	tccatttcta	atctcttcta
6181	gtctctccaa	caaatgatta	ttccatttgt	atagatgagg	aaactgtaggc	acacagagat
6241	gacaagcaac	caccgctata	tgttaggatt	cgaaggagct	caggaaaagt	ctcatagccc
6301	cactggccac	aatgggctaa	atctcagagg	gggagggtgg	gagatggggg	tgacagtga
6361	cttttttggg	actctctcta	gaccatccat	ccctgtctccc	aggaggacct	gtctctccag
6421	atgggtggga	tggacaggag	gactatctac	ccaccctgtc	caaccgctct	gacctcttga
6481	ctccaccctc	tcctgtgatt	tcttcatgtt	agttcaacat	taccocaggg	ggtcaggaca
6541	gacaatttct	cagtgaccaca	ggagctgaca	caactatggg	cacgtccgag	gcttgagctg

FIGURE 1 (continued)

6601 gcttggctgc ctggccctgg ctgcccctgt tagccttgtg cacagccagc atggtaaggg  
 6661 agtgccttga ggctggaaca ggctggaggga ctgggggtgtg ggcccatggg ctgggggtctc  
 6721 ctggctggcca agagcacaca gagctggccc ctaagttagt ctcagcccca gtcggccgacg  
 6781 ttggggaaga agtcaggagc tcaggggctgg gctgctcttc ttctccaata gcttccaata  
 6841 tagggagcag gctgggggca agggggcagt tagggaggggc acaggggggc acatttagca  
 6901 gctctccagg gcttccacca gccacagact cctctctcag aagccagcag gggaggggtgg  
 6961 gctgtcttca tgcccccaga tggccaaagac tgccctgtcc tgaggtcgct gttccatgac  
 7021 cccccacgc cetttacagt gtctctggct cctcagcaag ccaggtcgct gctccagcgg  
 7081 gtccggcgag ccaacacctt ctctggaggag gtgcgcaagg gcaacctaga gcgagagtgc  
 7141 ttggaggaga cgtgcagcta cgaggaggcc ttcgaggtct tggagtcct cagcgctcag  
 7201 gtgagcctgg gctgctcgga cgggtgccggg gccctcagacc gggcccaact ctgacactt  
 7261 ccacagagaa gcaagcgagg aagccacag ccccttcgct gctcacagcc tcatattoac  
 7321 tctgagcccc tcttcacagg gctggcaaga ggagcggcct cagcctttcc tgggggtctc  
 7381 tgtgctcgga ctgtgtccct gtgcagctcc atgacatggg gaggcctcca cagtcttcag  
 7441 acatccacct gecttggagc tctgtgtcca catggcctcc tcagcggcag actcccaac  
 7501 cacccttgag ggggtggact ctggggaggc caccacaagc ccccgggctc aagactcagt  
 7561 tttctctggg ctctgtgtcg ccttctctgt ctgtagggac tctgcagggg accactcgcc  
 7621 cctctctctc cagtctcccc cagcctcttt cagactcggt gtgtgtgttg gggaaactcc  
 7681 cctatctcca aatatctctc tctctttgga aacaaaagta ggaaactctg ccaaaaacct  
 7741 ccccaagacc tgccccctgc gtgaccaggg taaggaaagt gtgaggagga gcataacct  
 7801 tactaaagca acacaaaaca ggagctcccg tagcctcact cccagcggct ttttttcagg  
 7861 atgtgtctct gggccaagtac acaggtgagc accgggaagg atttgcccca ggaaggaggag  
 7921 cctgggggac ccagtgagag aattctaccc cagtgagact ctctgcaccc tagccatcca  
 7981 cccatccacc ccttccccac tctctctgt gtcctccca tctgtctcat cctcttctg  
 8041 tttctcacca acatcccat caccctgact cagctctcct ctggccatcc cccaatccca  
 8101 aaggtaaaaa cctgggtctt ttcacagctg tgagacagcg aggacgcctc gagataagct  
 8161 tgctgcatgt ctggaaagggt agcaactgac accgggtttgg ggagcaggac atggagggga  
 8221 gcttgggaga agagctcagg ggtgggtttg gagtgtggct gggagggccc gaggcagctc  
 8281 ccagcatctg acattgtctc catctctggg gtcaagatgt ctctttgtac ctggctctgt  
 8341 gtctggcatg cgaacgaatg aatgaatgaa tggactaatg aattaatgtt tttttttttg  
 8401 agacagagtc tgcctctgtt gccacggctg gaggtcagtg gcaagatctt ggcctcactg  
 8461 aaactccgce tcccggatc aagcaattct ctgctcaac ctcccaagta gctgggatta  
 8521 cagggtgcct ccaccacgcc tagctaattt ttgtattttt agtagagagc ggtttccacc  
 8581 atgttggcca ggtggtctt gaactctga cctcgtgat caccacacct ggctccaaag  
 8641 tgctgggagt atagaagta gccaccgcgc ctggccatga attcatgttt aaggttcatc  
 8701 tctctcttgc ctgaccggag tctctgcccc caectagtca gagctttgat gatgtcaat  
 8761 tctctctcta gctttagggt tcaactgaacc aaacaggaaac ccaaaccccc agctcgtctg  
 8821 acaccaagga ctctccaaag catgccaaag tgtttctagc acctggcctt gcatatgttg  
 8881 tcaatttctc ctggagcgac cateacatct actgaacct tctctatctt ccaaggagctg  
 8941 cctcaaatgt caccactttt gctgagactt caggggagca cctccctctc gactgtgtc  
 9001 tgaaggcacc tttagcacga caaaaaatgga actctttgtt tatttataag agcagggtct  
 9061 cctctttttt ctcaggctgt cttgaactct tgggctcagg caactctccc atctcagctc  
 9121 cccaaaggag tggattataa gtgtgagcca ccatgctctg ctgccatact tcaatttttt  
 9181 tttttttttt tttagagtg agtctcactc tgtcgcctg ctggagtgcc agtggcgoga  
 9241 tctcggtctg ctgcaacctc cgctctggcg ttcaagtgat tctctctctg tctctctctg  
 9301 agtagctggg ataccaggca cacactacca ttgccagcta atttttttga ttttttttga  
 9361 gagaaggggg ttccacctgt tggccaggct ggtcacaacac tctgcacctc aggtgatcca  
 9421 ccagctctcag cctccacagag tgctgggatt acagggtgta tccactcgcc ccagctcat  
 9481 ttgttaaatc agctaactca cagacatttt acaaagtctc tgcactgtgc caggcactat  
 9541 atcagggtgct ggggatttta agagaatcaa atacagtctc tgctctcaag gaattcaaaa  
 9601 tctcaaaaat gaacaaaaat acaaaaatatt aaaatgattg cggcggggtg tgggtgctca  
 9661 agcctgtaac ctgacactt tgggagctga ggtggggccc caggcgaggg ttgttagacc  
 9721 atcttggcca acatagttaa ccccccaacc tctactaaaa atacaaaaat tattctgggtg  
 9781 gtggtgtgaa cgcctgttaa ccttagctac taggggggag gatgggggga atctctgtaa  
 9841 tctgggaagc gaagggttga gtgagctgag atcatgccac tgcaccttca gtctcggaat

FIGURE 1 (continued)

9901 cagatcaaga ctcatctcaa atacataata aataataatt caataagtga ttgcaagaaa  
 9961 gttctgttca aggcaccaag agaccacagg aaaaatgagt tctggtttgc cagaaaaatga  
 10021 gagatggctt ccagggagag gcagagtctt ccttggccta ttgggatgca tggatgaaca  
 10081 aacaagtggg cattccagtc agaagaaca atccgtggaa agaccagag gcattgagaag  
 10141 ctgagctagg agggacaggt agaccagggc cagttagaaa ggacctctat cactttttca  
 10201 tectgtctgc caagagaagc cacagaatgg aagctccatg agggcaggcg ttgcatctgtc  
 10261 ctattggttg atgtgactg agcaccgcag agtgctctgc atatcgtagg cacttagoga  
 10321 atatttggag gccactgttg agtgaatggg agaactgctg gttgcagagg aagaggggct  
 10381 gggtagatgc aggttcagga ttgtggacct gcatgagctg ggaagtgggg gatagacac  
 10441 ttgtagggga gagagaaat aagtcaccag gctccaaggg tgaccggggt ggggtctccg  
 10501 caggttaact gtgtgagggt ctgggtacga actaccgagg gcatgtgaac atcacccggt  
 10561 caggcattga gtgccagcta tggaggagtc gctaccocaa taagcctgag tgagttaggg  
 10621 gtccgctctc ccaccatggg ctgagaacag ggagcaagcg tacctcaagt tcaacagcct  
 10681 cctgttgggc aatttctctt tccagaatca actccactac cactcctggg gccgacctac  
 10741 aggagaattt ctgccgaac ccgacagca gccaccggg accctgggtc tacatcacg  
 10801 accccaccgt gaggaggcag gaatgcagca tccctgtctg ttgttaggtg ggggcagtg  
 10861 ggcagcccat gaccaagccc gggggcttca tggggcctgg gacccctgga tgggaaccaa  
 10921 gaatactggc ccaccaggca cagtggctca tgcccgtaat ccagcaact ttggaggctg  
 10981 aggcaggcag atcacctgag gtcagggggt tgagaccagc tgggccacaa tggcacaacc  
 11041 ccgtctctac taataataca aaaaattgcca ggcgtggctg tgggcgctg taatcccaac  
 11101 tactctggag gctgaggcac gagaatcgct tgaacccggg aggcggagtt tgcagtgagc  
 11161 tgagatctg cactgttact tcagcctagg cgacaagagc aaaaactctg ctcaaagaaa  
 11221 aaaaaaagat gctggccacc ttccagagct gcgtcagtc ttcagatcat atctgtgctt  
 11281 attgctcagt aaagtcaggg aatcagggga tctgagtggt gggatctgcc agcctctccc  
 11341 tccccctccc cactcttgac ttccctatgg tctaggctgt ggctcatccc aaacatctcc  
 11401 cctttctgat caaggcactc ctcccctcgg gaagccctcc ctagccattt cagtccacac  
 11461 accctgttct gagtatcaca gagcaagcct tgtgcagttt gcccgcgggg atctgtctat  
 11521 tattatttcc ttggtgtggt aagtagctat agccaccctt tccctgagc agaccacaat  
 11581 aagcatttct ttttccatg agggttggca ggtgtgctg cactcgctaa ttgctctgta  
 11641 ggggtcaact gcaggagttg gccctggctg gttggctctg atgcaataa tgggtccagc  
 11701 tgagtctggc tctcgttgga gggttgggac tagatctgct ccacgtgctg tcatgctggg  
 11761 gctgaggctg aaagaaggta cctgggaaaa ctcttcttat gctgatgaca gacacagaaa  
 11821 acaatgaaca gaaaagcgtc ttctgtctg aaggcctggc tcagaaacagg cacagtccagc  
 11881 cctgccaccg ttccattggc cagagcaagt atatgtcaa ggccagggtc aagaggtaaa  
 11941 ctacacctca gccgttaaaa tcacagagca agggatgtgg atgcaggcag gggtaagaaa  
 12001 ttgtgcccga ttaccagtc cacaacatgc gttagtgttt gttctctcag caacccctgtc  
 12061 gggcccattt ctcatctctg ggggttggtt ttttttttt ttctcttaag aaggagtctc  
 12121 actcctctgc caggctgttt ggaagtgcagt gggcctatct cagctcactg caacccctgc  
 12181 cctctgggtt caagcgattc cctgcttca gctcctgag tagctaggat tacaggcgtg  
 12241 tgcccaccat cctggctaat ttttttttat gttagtagag acgggggttc accatgttgg  
 12301 ccaggctgat ctcaaacctc tgacctgtg atccctccgc cctggcctcc caaatgctg  
 12361 agattacagg ggtgaggcac tgcgcccagc cacttttttt ttttttttt tttagatgg  
 12421 agtctcactc tcaccagggc tggagtgcag tggcataatc ttgtgctcact gcaaccctca  
 12481 cctcctgggt tcaggcgatt ctctgcctca gctctcata tagctgggat tagcagca  
 12541 cgccaccagc ccttgcataa tttgtatatt tagtagagac ggggtttctt catgttggcc  
 12601 ttgctgact tgaactcctt gttccggtag ttgtcccagc tggcctctcc aagtttctg  
 12661 gattacaggt gattaagcact gcgctggcg cctggatgtg gctctatagc aaagtatatc  
 12721 caacaaaaac agctactatt tactccccaa ccccataca cagcaacaca catgtgat  
 12781 aaataagttg caggctgtga gaaattggcg cctccaggtg aacagctag tgatccagc  
 12841 aagcgtctct gctgtcagct ataaaaacat gactctcca gcagctccag gcagccaata  
 12901 ccagtgtggt acagatggcc taggaggcca aacctggtta ctatctctg tttattatg  
 12961 gccagacact tatgtctgat attttgttta atcctctcaa caaacctgca aaagtggat  
 13021 tagtaacccc tttaaaaggca aacggttga agcccagaga ggttaagtaa cctgaggtca  
 13081 caaggcaga aagcagcaag acgggctcga acaccctgt cctgttcggt ccatgtgtgg  
 13141 tctcactcac tctgtgctt ccttgccctt caccaccag gccaggatca agtcaactga

FIGURE 1 (continued)

13201 gcgatgactc cacgctccga aggcctccagt gtgaatctgt cacctccatt ggagcagtggt  
 13261 gctccctgact gggggcagca gtaccagggg cgctgctggg tgaccacaca tgggctcccc  
 13321 tgccctggctt gggccagcgc acaggcccaag cccttgagca agccaccagga cttcaactca  
 13381 gctgtgcagc tgggtggagaa cttctgcgcg aaccagagac gggatgagga gggcgtgtgg  
 13441 tgcctatgtgg ccgggaagacc tggcgacttt ggggtactgc acctcaacta ttgttggtgag  
 13501 ctgctgggtt agggggcctg agttgcaggg acaaatctca ttggggaataa caacagccgc  
 13561 tctctgttat cgaacgctta cctcattgag tgcgctcatt acagccttac agtaaccagg  
 13621 tgggggggtaa ggtcctgtgc ccatctaca gataagtaca ctgaggcccc aggaagttat  
 13681 tgccatgtag cccaactgtg catgcacgct taacctctgc accaaatggc ctccaaggcc  
 13741 cgtaggggaa ctggggggat ctagggggat ggtgaggaat ggcccagccc agtccccggc  
 13801 ggtgctcgtg tcccaacaga ggaggccgtg gaggaggaga caggagatgg gctggatgag  
 13861 gactcagaca gggccatcga agggcgtacc gccaccagt agtaccagac ttcttcaat  
 13921 ccgaggacct ttgctcggg agaggcaggt gaggtagtgg gcctccgagg ggatcggggg  
 13981 ctgccccggg gtggggcagg acttgccctt cactgcttgg ctgtctctgc agactgtggg  
 14041 ctgcagacct tgttcagaaa gaagtgcgtg gaggacaaaa ccgaaggaga gctcctggaa  
 14101 tctacatcgc accggcgcat ttggtagggc tcggatgcag agatcgggc gtacacttgg  
 14161 tbtgtcctgg agccctgcgc taccattcac tcttgggggc aggtgtgtgt ctggaccccc  
 14221 accctcaggc tggcctcgca ggccctcgca ttacagatga caacagctga gcatcaggga  
 14281 tcccaaccaac tccacacagc agccacatga gatgggtgt ttactctttt tttttttgtt  
 14341 tcttagatgg agttctgtct tgtcacctag gctggagtgcc agtgcgtcaa tctcgctca  
 14401 ctacctcgat ctacagctcac tgcacctctt gccttcgggg ttcaaacgat tctcttgct  
 14461 cagcctcctg agtagctgaa tttacagaca ttgcccacca caccgggcta atttttgtat  
 14521 tttaatgata gacagggttt caccatgttg ccaggcctgg tcttgaactc ctgacactca  
 14581 gtgatccacc tgcctcagcc tcccaaatgt ccgggattac aggcattgag caccacaccc  
 14641 ggcccatggg tcccttactt ctaagcagat ggttaagctg agctgacggc agctgtgggc  
 14701 tccactccgc gcaacagtaa tgggtttgaa tccagttctt ctgattccag agctgtgcta  
 14761 ccatatgtga actctggact ggaaggacct agttaggggg tgcaaaaaag aggaggcagg  
 14821 tcagatgcag tgcctcaccc ctgtaattcc agcacttggg gaggccaaaga caggcaagatc  
 14881 acttgagggc aggaattcga ggccagcttg ggcaaaatgg taataaccgg ctctactata  
 14941 aaatgcaaaa attagccagg tgtagcagca tgtccctgta gtcccagcta cttaggaggc  
 15001 tgaggcggga ggatcgctg agcccaagag gctgaggctt cagtaagctg tgactgtacc  
 15061 attgcactcc agcctgggtg acaagagtga gacctgtct caaaaaataa taataataa  
 15121 aataaaaaagt gtgaggcagc cctcagcat cacacggagg ctccagcccc aaaggcggcc  
 15181 agcccaagct tggatctggg ccccgagggc agctctgccc agctgggttc ttgacctgg  
 15241 gatgtttact tctaggcgct gtgtagagge agccccctca tctcagctc ctaatgctc  
 15301 ctgctgcccc tcccaggcag tggatgcttt tccgggaagag tcccaggagc ctgctgtgtg  
 15361 gggcgagcct catcagtac cgcctgggtt tcaacgcgcg ccaactgctc ctgtacccgc  
 15421 cctgggacaa gaacttcacc gagaatgacc ttggtgtgct cattgccaag cactcccgca  
 15481 caaggtacag aactggtgct ccgtgggtgt ctggcgaggg ttgtagctct ccaaggcgat  
 15541 catgaggggc cttggtggct ccgggacaca taggatgttc tgtatacccc ccagaatata  
 15601 acatcccagc agtctctgct ggaagcccat ttggtcagct cctgactgag gcttgaggc  
 15661 cgggagaagt ccgtctgtct ctgctgctc caacactagg atatagccca ttgtggagtc  
 15721 tctgaaaaata gactctgtct ggaactaggc gtgcagctg tgcctctgct cccgtctcct  
 15781 aggtctgtgt actccaagc cctgcacggc tttagggcca ggaagaalca ccaagggggc  
 15841 tgcctatgca ggaaccagcc ctatccctc cctggtggcc tgcaggacac actgtctccc  
 15901 agaaccceaa gggcaggcag tttctgtgct cttgctgggt gaaactcgag cttctccatt  
 15961 tctttcttgg tctctctgca ggtacagagc aaactatgaa agaatatcca tgttgaaaaa  
 16021 gatctacatc caccocagg ttaactcagtg ggaagaaacct gaccgggaca ttgcccgtat  
 16081 gaagctgaag aagctctgtt ccttcagtga catctatcac cctgtgtgtc tggccgacag  
 16141 ggagacggca gccaggtggg ccaccagatg ctgtgttagc gaggggcaga agccaagttc  
 16201 tgggctggct tctgatacca agtagcctg caagagcccc ttctcccttt ccaggctctg  
 16261 gtttcttggg gtgaacccea aagtctcttt cagtactggt gttttttttt ttaattatat  
 16321 ttattttatt actcagggg tctccactctt gctctccagg cttggagtga gttgtgogat  
 16381 ctggctcac tgcaacccca cctcctgggt tcaagcgact ctctgctc agtctctga  
 16441 gtactgggga ttacaggcta atttttgtat ttttagtaga gactctggg tttcaccgtg

FIGURE 1 (continued)

16501	tgggccaggt	tgggtctcgaa	cccctgacct	caagtgatcc	accgcctctg	gcctcccaaa
16561	gtgccgagac	caacggcggtg	aacgtctctgt	cccagccagc	tctggcggtt	tagattctgtg
16621	tctctaaagaa	attggcggttg	ggccaggcggt	ctcctgtggg	ggttggtctct	cactgagccc
16681	ttctctctctc	cccaaagctt	gctccaggct	ggatacaagg	ggcggtgtgac	aggctggggc
16741	aacctgaagg	agacgtggac	agccaaagctt	ggtaaggggc	agcccgagtgt	cctgcagggtg
16801	gtgaacatgt	ccatttgtgga	gcggccgggtc	tgcaaggact	ccaccgggat	ccgtctcaact
16861	gacaacatgt	tctgtgtctg	caagtcctgtg	caggcggggc	tgagggaaca	gtggggccca
16921	agctgggaga	actgagttgt	gcttgggttc	aagccatgtg	actttgagca	agtttgcctaa
16981	ccctcttggtg	gctcagtttc	ttcctctgta	aaatggaggt	aaaagtctct	atccccataa
17041	gttatggggag	ggttaaatga	agtagtatat	attaatgtac	ttggcattatg	atcagtcacc
17101	agtgagctca	gatagcagca	agaggctgctg	ggtagggaaa	tgcattctcat	tcagctcactc
17161	agcaaatatt	tattgagcgc	ctatcacggt	ccaggcagcg	tcttagggta	tacagcaggg
17221	accagacggg	acaattgtctg	tgccctcaga	gagcttctct	cctaggaggg	cacatccata
17281	aacagatcta	aaacagcaat	ccctgaccag	tgctgtgaag	aaaaatgaag	cacagggaga
17341	gagaacggct	gatgaagtgg	gcttctaagt	aggggtggcca	gacaagggtg	gcaggtcaact
17401	tgaggctcagg	agttcaagac	cagcctggcc	aacatggtga	aaccctgctc	ctactaaaaa
17461	tacaaaaatt	agctgggtcat	ggtagcgcac	gcctgtagtc	gcagctactc	aggaaggctga
17521	ggcaggagaa	tctgttgagc	caggggagcg	gaggttgcag	tgagctgaga	tcgggtcatca
17581	ttgcactcca	actggggcaac	acagcaagac	tccattgtatc	gatcgatcaa	tcaatcaatc
17641	agggtggcag	gaagggttgg	agaaggcctc	cctgagaagg	tgatgtctgg	gcaggcagctg
17701	gaagaggggg	aggaaggagt	gagcaggcat	atctaggggg	ggagcaccgc	aggctggggg
17761	catggcaggg	actaaggccc	tgagggtggg	gcactctctg	cctgtctggg	gagcagtagg
17821	gagggctggg	gggctgagga	ggggcagcag	tggtgtgagg	ggagcagggg	gcaggcagga
17881	ggacagccag	tccgtttagg	gcctgggaag	actttattga	gtgagatggg	aagttattga
17941	ggggcttgag	gcaggttaag	aaatgatgtg	actgaactta	atagtaaaaa	ataaaaaaat
18001	ttagtgtaat	tctcagactca	cagaaaaagt	gtaaaaataa	tataaagatt	tctcgtatac
18061	tgtcatccag	attgtctccc	attctgtgga	tggtgtggaa	tttttatata	tcatatgca
18121	tagttttgaga	gcaaaatcatg	aaatatggtt	ctttttaccc	ataaataactt	gagttattccc
18181	aaaaaaaaaa	aaaataccca	aggatgttct	cttatgcaac	cacaatacaa	atatataaac
18241	ccggaaatttt	tttttttgaca	tagcttccgc	tcacccaggc	ttgagtgcag	tggcacaatc
18301	tccggtcact	gcaacctcct	gctcccagg	tcaagtgtat	ctcctgcctc	agcctcctga
18361	ttagctggaa	tcacagccat	gtactaccat	gcctagctaa	tttttgtatt	tgtagtagag
18421	acaggggttc	accatgtttg	ccaggtcgtg	cttgaactcc	gacctcaggt	gattcaccctg
18481	ccctggccctc	ccaaaagtgt	gggattacag	gcgtgaacca	ctgtactcgg	ccaaaaccag
18541	gaaattttttt	tttttttttg	agatggaaatc	ttgctctggt	gccacggcta	gagtgcagtg
18601	gcattggtctc	ggcttaacttg	gaattacagg	tgccctgccac	cagcccccgc	taactttttg
18661	tattttttagt	attttttagta	gtgatgggtg	ttccacatgt	tgcccaggct	ggcttttgac
18721	tctcagacctc	gggttaatcca	cccacctcgg	ctccccaaag	tgctgggatt	acagcggtga
18781	gcccagcaac	ctggcccaaa	accaggaat	taatgatgat	accaatttat	tgcttaactc
18841	atagacctta	ttcaaaat	tgtagtctt	gctaatgtct	tttataggga	aaaaaaaaaa
18901	aaaaagcgtg	tttctcacc	aggattcaat	gaaggatcct	tcctttgtct	ctatgacctt
18961	gacatgtctg	atgtatgcag	tctggttatt	ttgtacactg	gcctctgaatc	cggttttgct
19021	taaggtttctc	tcacgggtcag	gttcgggctc	agtggtgcca	tgtccctctt	gggtgcactct
19081	gttaactggc	acatgagaa	aatttgtctc	atagtgggtg	agtcctaact	tgactctctg
19141	aggaaggcaa	tgtctgccaa	gtttcttgct	gtaacctctg	tttttccctt	tgtaattaat
19201	aaagatctgg	taagagagca	ctttgatgtt	tttttttttt	tttttttttg	tgatggagtc
19261	ctccctatc	accggcgctg	gagtggttgg	tgcgactctg	ctccactgca	accctccatc
19321	ccaggtgtca	agtgtattctc	ctgcctcagc	ctcccaagta	cgagggatac	caggcatgtg
19381	ccaccacacc	cagctaattt	ttgtattttt	agtagagatg	gggttttacc	atgttggcca
19441	ggatggtctc	gaactcctga	ccttgatgat	cgctctgcctc	agcctcccaa	agtgctggga
19501	ttacagggtg	gagccaatc	gcctggccta	ctttgatatt	tgttatctct	ttgtcatcaa
19561	aaccttctcc	caactagggt	gactaccaa	tggcacttat	ctaattctgt	cattcctctc
19621	acatttgtta	ttctacttat	tgctttccct	ctcttcaatc	tatcagtggt	gacttaagga
19681	tccttaactt	attctaagg	ttcaactttt	tttttctttt	tttttagagt	gagtttccgc
19741	catgttgccc	aggctggatg	gagtgcaatg	gcgtgatctc	ggctcactgc	aacgtctccc

FIGURE 1 (continued)

19801 tcccaggttc aagcaattct cctgectcag cctcctgagt agctgggatt acaggcatgt  
 19861 gccaccacgc ctggctaatt ttttgtaatt ttagtagaga cagggtttca ccatgttggc  
 19921 cagggtcgtc tgaactcct gacctcaggt gatccgcctt cctcagcctt ccaaggttct  
 19981 gggattataa gcgtgagctc taccgtgccca ggcataactt tgttactact gttatttttt  
 20041 ctgatgtcga gatgatccca agtttggcct gtggaagtcc ctccaagctg gcttctgtga  
 20101 cttggggaga tgtttctgtc tttcttgagt acttctcttc tttctggcac agcaaaatga  
 20161 ttacaggttaa tctacttttc cttactgtag tgttggaaac agccattttt ccagggaacc  
 20221 cttgtagtcga agagtggaaat ttagaactga gatctgggtg cgtcgctgtg ccatgtgcta  
 20281 gtgggagatgc attactttcta ggcctctcta gtggacagaa ccagaaaaaa attatatgat  
 20341 gcataacca atatctctat catctatata aaaaacatg agttctcact gtaaacctcca  
 20401 attccattct aaccaccacag gattaattttt agcttttctt tttccatact ttgaacctct  
 20461 tctgttgaca gtgagaaacc tgacctctat tatctgtaat gcattttgct atttgaaaca  
 20521 tactagaata tagtttcaaa atcctccatc cataacacta ttaaaaccaa tctatggctt  
 20581 gggctcagcc cactgcaacc tctgctctct ggactcaagc cagctcccca ctttagcctc  
 20641 ccgagttagc agggctacag gcacacacca ccatgcccag caaatttttg tattttttgt  
 20701 agagactggg tctcactgtg ttgcccagac aggtcttgaa ctctgagctc aagtgtacca  
 20761 tccaaactcag cctcccaaaag tgctaggatt acagggttga gtcaccatgc ctggcctctc  
 20821 ctagtataatt tttagaagtg tgttgtttag gtcaaaaggg aacactgtat gtcatttttt  
 20881 agagattttt aaattctctt ccataaggggt ttgaccagtt tgcatttcca tcacagtgta  
 20941 ttgagaatgcc tgtttcccca caacctgtcc aagagaaatg cacagtttaa attttacca  
 21001 tctgagagggt ggaataatgt acctgaaatt gtttaacgga catcttcaaa ttgaaattga  
 21061 ggttgacacg gaatcatagt taggaccttt tttttttttt ttttttgagt ggtctctctg  
 21121 tcaccacgct gagtgcacgt cacgatttgc tcaactgcaac tctcgccttc tgggttgaaac  
 21181 cgattctctc gcttcagcct cccaagcagc tgggaactcca ggcgcgagtc accatgcccg  
 21241 ctaatttttg tattttttagt agagacaggg ttgtaccaga ttggccagcg tggttctgaa  
 21301 ctctctacct tgtgatcttc cgcctctcgg cctccaaagt gctgagatta aggcctatga  
 21361 ccaccaagcc tggcctaagg accattttta taataatttt ttttttgagac cagactctgc  
 21421 tttgtcacc cagctggagt gcaattgtgc aatcttggct cactgcagcc tccactctcc  
 21481 tggttcaagt gattctctct cctcagcctc ccgagttagt ggttccacag gtgcgtgctt  
 21541 ggctagtatt tgtattatat aatttttttg tgaattgtct ctcatggtt ttgtgccat  
 21601 tttttgttcc cttctctatc aatttttttg agttctctgt atttataatta ggcctttatt  
 21661 tgtgatatac attgcataatg ttttctcta gtttgcagt ttttttaacc tcatgtataa  
 21721 tttttctggc catgcagttt aaaaaattac taggttagtca aatttatcaa tcatattta  
 21781 taaattctgt ttgaacagag ataaacttct cttggccaagt gtggtgttta cacctgtaat  
 21841 cccagcctca tgagaggctg aggtggggat cacctgaggt cagaagtcca agaccagct  
 21901 ggccaacatg gtgaaacccct gtctctacta aaaaatacaa aattagctgg gcgtgtggc  
 21961 tgatgcctgt agtccagctg actcaggaga ctgaggtctg agaatttctt cagcttgga  
 22021 ggcggaggtt gcagtgagca gagatcgtgc cgtctgactc cagcctgggt gcacagagca  
 22081 gactctgtct caaaaacaaa acgacaaaaa caaacacagc aaaaagcttt cctgtagctt  
 22141 aggtcaattga ggaattcact catgttttct tctagtacct gatttctatt tctgcaact  
 22201 agattctctga ctcataatgga gtttattttt gtatctgatg tgaggcatag atctgaacta  
 22261 ttatttttcca aatggctaac tagctgtctc taaccctctt attaaaaatt attggccaa  
 22321 tgcgttagcc acacctgtaa tcccagcagt ttggaaggct gaggcagagt tgcttgaggc  
 22381 caggaaatcca aaaccagccc agacaacata gctctctaca gctctctaca gaaataattg  
 22441 gtacaggtgtg gtggctcacg cctataatcc cagcaacttg ggaggctgag gcaggtggat  
 22501 catgaggtca ggagatagag accatcctcg ccaacttggt caaacctctg tctctactaa  
 22561 aatacaaaaa attagctggg tgtggtggcg gatcgtgta gtaaccagta ctcaggagc  
 22621 tgaggcaggg gaatcatttg aaccaggagc gtggaggttg cagtgaagct agatcacgcc  
 22681 attgaactcc agcctgggca cagagcaaga ctccatctca aaaaaaaaag gaaacagaaa  
 22741 atatttttaa aattagctgg gcatggtggc atgtgccttg tagctcagc tacttgagag  
 22801 gctgaggtga gaggattgct tgagcctagg agttcaatac tgacgtgagc tactgaccga  
 22861 ccattgcaact ccagcctggg caacagagtg agacctgtt tctattaaaa aaaaaaaatc  
 22921 ggcctgggccc ggtggctcac gctgttaate ctgacacatt gggagggcca ggcgagcgga  
 22981 tccctgagg tcaggaggtc aagaccagcc tgaccaaatc ggaaaaaacc tctctctgct  
 23041 aaaaatacaa aattagccag acatggaggg acatgtctgt aatcccagct actcgggagg

FIGURE 1 (continued)

23101 ctgaggcagg agaactcgctt gaacctggga gacggagggt gcagtgagct gagatccctc  
 23161 cattgcactc cagctcgggc aacaagagta aaaactcgtt ttcgcccagg gcgggtgactc  
 23221 acactctgtaa tcccagcact ttgggaggcg gaggtgggtg aatcacaagg tcaggagttt  
 23281 gagacaagcc ttggccgacat ggtgaaaccc catctctact aaaatacaaa aaattagcct  
 23341 ggcattggtg ttgtgcgctt taatccagc tacttgggag gctgaggcag gggaaactc  
 23401 tgaacctggg aggaggagggt tgcagtgagc cgagatgggt ccaactgcact ccagcctggc  
 23461 aacagagcga gactctatct caaaatcaat caatcaatca atcaactctt gaactagtga  
 23521 tttagatttt accctttatc acattctaga ttgtatctta ttttcattta tttaattgaa  
 23581 atatagacaa gtctccctgt gctgcccagg ctgatttcaa actcctggct ggctcgcagc  
 23641 aagtcctccc cctggccctc ccaaactgct gggattacag gctgagccca ccatactgga  
 23701 cccagggtttt attttttagt tttatttttt cctgcctcca gctaatttga ttgtattgtg  
 23761 agagacgggg tcttgcctatg ttacctagge ttggtctcga ctcttgggtc caagtgtacc  
 23821 tctacacctg gcctcccaaa ttgttgggat taccagcatg agccacgggt cccagcccca  
 23881 cgttctagat ttctatggat agagtatgct taaggatgag tatgtttctg gatgttgac  
 23941 tcggctttcc ttgctctgtg tctgtctgtg tacagctga catgttttta atgatagagg  
 24001 ctttagcgta catagctggg aaggctaagt ttctctttaa gttttctttt ccagtggttt  
 24061 cctggcaatt cttgcatgtt tgtttttcca tatgaacttt agtgtcaaca tgcctaggtc  
 24121 tataaaaaag cttgtgggta attttatttg gattatgaca cttaacaaa ttaactggga  
 24181 gaatgaacat atttttgatg ttgagtcatt ttatccaagg ataagaaacg ttttccattt  
 24241 tgctcaagtc tattattgta tctttcttga ctgctgcaat gtattctctt gtaatttttt  
 24301 ctattggtat ctatttttat gttatttgaa tatcttattt ttcttgagta aattagttaa  
 24361 ttgcttgcgc gttttctcaa aacaaaatc ttagggtttg tattatgaaa ttattaggcc  
 24421 tattattttt cttttttttg agatggagtc tcaactctgt gccccaggct gagtgagtg  
 24481 cgtgtagctc agctcaactgc aacctccacc tcttgggttc aagtgattct cctgcctcag  
 24541 cctcccagat agctgggggt ccagggtgac gccaccatgc ccctgtaatt tttttatatt  
 24601 tttagtagag acgggggttc acctgttag ccagggtggt ctggaactcc tgacctcatg  
 24661 atccgactgc cctgcctccc caaagtgtgt ggtattacag gtgagccca cgtgctggc  
 24721 cttttttttt tttttttgag acagagtcct gctctgtcac ccaggctgga gtgcagtggt  
 24781 gcatctcgt ctaactgaaa gctccacctc cggggttacc gccactctcc tgctcagcc  
 24841 tcccagtagg ctgggactac aggtgtacac ttgcaagccc agtcaatttt ttgcttttag  
 24901 tagagacagg gtttccaccg gtctccagg atgtgtctga tctcctgac ttgtgatccg  
 24961 cctgctcag cctcccagaag ttctggtatt acgggctgta gccactgccc ccggccaggc  
 25021 ctattattttt tctattgttg ttcaattaat tctgctttt tctcttataa agttttgcta  
 25081 cgtttttgtc ttggtttact ttgctgttct ttgtcagctt tttttttttt cagatagggt  
 25141 cttgctctgt tgcacaggt ggagtgagtc ggcacagtca tagctcactg cagccttgaa  
 25201 ctctctgggt caagaactcc tcttctgtct tcagcctccc acgtagctag gatcagaggt  
 25261 acatgcacc aatttctggt aatttttttt ttctgagaca gatttctgtt ctgtgctca  
 25321 ggcggtagt cagtggtgca atcccgctc actgcaacct ccactccacc cctccagggt  
 25381 caagcaattc taacctcagtc tctgagtagt ctgggattat agggcgacac caactgtct  
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 25501 aactctgcac tcatgatcc gccgccttg gctcccacc ttgctgagat tcaagtggtg  
 25561 agccacagca cctagtgaaa gtgtgggttt ttgtgtagg tttactgtt gttagtgtg  
 25621 ttctgtattg ttgttagagg atacgtgggg agattttggat aaaagcaact atcaattata  
 25681 tctcatcag actgttaggt ctaacttttt aattttttta ttttaattt aattttttt  
 25741 cttggtcttt tatcattaat taatttttct gagacagggt ctactctgt tgccaggct  
 25801 ggaagtgtgt gacatgatca cggctcactc cagccttaac cctccagggt caagtgtatc  
 25861 tctctctta gccctccgag tagctgggac tccaggcatg tgccaccatg cccagctaat  
 25921 tttttgtaga gagaggggtt tgccatattt cccagggtgt tcttgaactg ctgagctcaa  
 25981 gtagtccacc cgtgtggggt atgagccacc tcccctgggt tcttcaact ctgttaagc  
 26041 attattctgc ctgttgggtg gagaatagac ttaggtgggt caaagaatga aggaactag  
 26101 ttgggttcagg agctcgagct agaagtggtg gttattgggg gttattgggg tctatctga  
 26161 aggtagagcc gacaagattt gctaggattg gatgtgtagg gtgaggaagt ggggacagca  
 26221 agaattgtag gaggggtaag tggactctca ccagctgtgt ctgtgaagg gcgctggctg  
 26281 ggctatgagc tatgtctctg agcacagac gctgttctct ttcaagggt caagcctgat  
 26341 gaaggggaaac gaggggatgc cctgtaagggt gacagtgggg gacctttgt catgaaggta



# FIGURE 1 (continued)

26401 agcttctcta aagcccaggg cctggtgaac acatcttctg ggggtgggga gaaactctag  
 26461 tatctagaaa cagttgcctg gcagaggaat actgatgtga ccttgaactt gactctattg  
 26521 gaaacctcat ctttcttctt cagagccctt ttaacaaacc ctggtatcaa atgggcatcg  
 26581 tctcatgggg tgaaggctgt gaccgggatg ggaaatatg cttctacaca catgtgttcc  
 26641 gctgaagaa gtggatacag aaggtcattg atcagtttgg agagtagggg gccactcata  
 26701 ttctgggctc ctggaaccaa tcccgtaaaa gaattatttt tgtgtttcta aaactatggt  
 26761 tcccaataaa agtgactctc agcgagctc aatgctccca gtgctattca tgggcagctc  
 26821 tctgggctca ggaagagcca gtaatactac tggataaaga agacttaaga atccaccacc  
 26881 tggtcacgc tggtagtcgc agcactcggg aggctgaggt gggaggat

[illegible]

mahvrhqlqlp	gcclaalals	lvhsqhvfla	pqqarsllqr	vrrantflee	vrkgnlrec	61
netscayeea	feeslatst	dvwfakytz	etartprdkl	acalegneca	glgtnygrvh	121
vitrcsiegq	lwsrtyphkp	einfstthga	digenfncrn	dsstgpcwy	tdtptvrre	181
csipvcgqgd	vtvampre	gssvnlsppl	eqcvpdrsgq	yggrlavth	glpclawa	241
qakalskhqd	fnsvatqlven	fctmfpdtee	gwvcyvagkp	gdgfydcldn	ceaeveeatg	301
gdldedsra	iegratlsy	qcpnngtrp	sgaadcgrlp	lfekksledk	terellesyi	361
drigvedsa	eigmspwqm	lfrksqpell	cgasilsdw	vltaahclly	ppwdnkften	421
dllvrighks	strlyerniek	ismlekiyih	prynwrenld	rdialmkldk	pvaafsdnyh	481
vclpdrctaa	sltqagykyr	vtgwglnket	wtanvgkggp	svlgvvnlp	verpvckdst	541
ritrdnmfc	agykpgdegr	gdacegdsq	pfvmkspfnn	rwymgvisw	gegcdrdyqg	601
qfytvhrllk	kwkqwidaf	ge				